

Claims

What is claimed is:

1. A combined systems user interface (CUI) (242) providing centralized
2 monitoring of a screening checkpoint system (10), said CUI comprising:
a baggage screening status region adapted to display screening information
4 generated by an explosives screening system (30) and a baggage imaging system (35)
configured within a baggage screening zone (15);
6 a passenger screening status region adapted to display screening information
generated by an explosives detection portal (40) and a metal detection portal (50)
8 configured within a passenger screening zone (20); and
a secondary screening status region adapted to display screening information
10 generated by a body scanning system (55) and an enhanced explosives screening system
(60) configured within a secondary screening zone (25).
2. The interface according to claim 1, wherein said baggage screening status
2 region is further adapted to display images of baggage screened by said baggage imaging
system.
3. The interface according to claim 1, wherein said baggage screening status
2 region is further adapted to display screening information generated by a nuclear detection
system (405) adapted to detect threshold levels of radioactive materials present in
4 screened baggage, wherein said nuclear detection system is configured within said
baggage screening zone.

4. The interface according to claim 1, wherein said passenger screening status
2 region is further adapted to display screening information generated by a nuclear detection
system (410) adapted to detect threshold levels of radioactive materials present on a
4 passenger, wherein said nuclear detection system is configured within said passenger
screening zone.

5. The interface according to claim 1, wherein said passenger screening status
2 region is further adapted to display screening information generated by a self-divestment
portal (45) configured within said passenger screening zone.

6. The interface according to claim 5, wherein said passenger screening status
2 region is further adapted to display images of an individual passenger and a location of
metallic items detected on said individual passenger, wherein said images are generated
4 by a camera working in cooperation with said self-divestment portal.

7. The interface according to claim 1, wherein said secondary screening status
2 region is further adapted to display images of an individual passenger and a location of
any threat objects detected on said individual passenger, wherein said images are
4 generated by said body scanning system.

8. The interface according to claim 1, wherein said secondary screening status
2 region is further adapted to display screening information generated by a sealed-bottle
scanning system (65) configured within said secondary screening zone.

9. The interface according to claim 1; and further comprising:
2 screening system control capabilities providing an ability to modify screening
sensitivity levels of at least one screening system of said baggage, passenger, and
4 secondary screening zones.

10. The interface according to claim 9, wherein said screening sensitivity
2 levels can be automatically modified in response to threat level data provided by a
passenger threat level identification system (244) working in cooperation with said
4 interface.

11. The interface according to claim 1, said interface further comprising:
2 an entry gate control providing an ability to moderate passenger flow into said
screening checkpoint system.

12. The interface according to claim 1, said interface further comprising:
2 an exit gate control providing an ability to moderate passenger flow into a secured
area protected by said screening checkpoint system.

13. The interface according to claim 1, said interface further comprising:
2 a threat assessment region adapted to display a threat level of an identified
passenger screened by said screening checkpoint system, wherein said threat level is
4 based upon data provided by a passenger threat level identification system (244).

14. The interface according to claim 1, said interface further comprising:
2 a threat assessment region adapted to display a threat level of an identified
passenger screened by said screening checkpoint system, wherein said threat level is
4 based upon screening results generated by individual screening systems of said baggage,
passenger, and secondary screening zones.

15. The interface according to claim 1, said interface further comprising:
2 a passenger information region adapted to display passenger data, wherein said
passenger data is provided by a passenger ID station (27) configured with said screening
4 checkpoint system.

16. The interface according to claim 1, wherein each of said baggage,
2 passenger, and secondary screening status regions are represented on a single display
device.

17. The interface according to claim 1, wherein each of said baggage,
2 passenger, and secondary screening status regions are represented on individual display
devices.

18. The interface according to claim 1, wherein said interface is remotely
2 located relative to individual screening systems of said baggage, passenger, and secondary
screening zones.

19. A method for providing centralized monitoring of a screening checkpoint
2 system (10), said method comprising:

providing a combined systems user interface (CUI) (242) comprising baggage,
4 passenger, and secondary screening status regions;

displaying baggage screening information in said baggage screening status region,
6 wherein said baggage screening information is generated by an explosives screening
system (30) and a baggage imaging system (35) configured within a baggage screening
8 zone (15);

displaying passenger screening information in said passenger screening status
10 region, wherein said passenger screening information is generated by an explosives
detection portal (40) and a metal detection portal (50) configured within a passenger
12 screening zone (20); and

displaying secondary screening information in said secondary screening status
14 region, wherein said secondary screening information is generated by a body scanning
system (55) and an enhanced explosives screening system (60) configured within a
16 secondary screening zone (25).

20. The method according to claim 19, said method further comprising:

2 displaying images of baggage screened by said baggage imaging system in said
baggage screening status region.

21. The method according to claim 19, said method further comprising:
2 displaying screening information generated by a nuclear detection system (405)
adapted to detect threshold levels of radioactive materials present in screened baggage,
4 wherein said screening information generated by said nuclear detection system is
displayed in said baggage screening status region.

22. The method according to claim 19, said method further comprising:
2 displaying screening information generated by a nuclear detection system (410)
adapted to detect threshold levels of radioactive materials present on a passenger, wherein
4 said screening information generated by said nuclear detection system is displayed in said
passenger screening status region.

23. The method according to claim 19, said method further comprising:
2 displaying screening information generated by a self-divestment portal (45) in said
passenger screening status region, wherein said self-divestment portal is configured
4 within said passenger screening zone.

24. The method according to claim 23, said method further comprising:
2 displaying images of an individual passenger and a location of metallic items
detected on said individual passenger in said passenger screening status region, wherein
4 said images are generated by a camera working in cooperation with said self-divestment
portal.

25. The method according to claim 19, said method further comprising:
2 displaying images of an individual passenger and a location of any threat objects
detected on said individual passenger in said secondary screening status region, wherein
4 said images are generated by said body scanning system.

26. The method according to claim 19, said method further comprising:
2 displaying screening information generated by a sealed-bottle scanning system
(65) in a secondary screening status region, wherein said sealed-bottle scanning system is
4 configured within said secondary screening zone.

27. The method according to claim 19, said method further comprising:
2 providing screening system control capabilities at said combined systems user
interface (CUI), wherein said screening system control capabilities provide an ability to
4 modify screening sensitivity levels of at least one screening system of said baggage,
passenger, and secondary screening zones.

28. The method according to claim 27, wherein said screening sensitivity
2 levels can be manually modified by a human operator.

29. The method according to claim 27, wherein said screening sensitivity
2 levels can be automatically modified in response to threat level data provided by a
passenger threat level identification system (244) working in cooperation with said
4 combined systems user interface (CUI).

30. The method according to claim 19, said method further comprising:
2 controlling an entry gate (245) to moderate passenger flow into said screening
checkpoint system.

31. The method according to claim 19, said method further comprising:
2 controlling an exit gate (90) to moderate passenger flow into a secured area
protected by said screening checkpoint system.

32. The method according to claim 19, wherein said combined systems user
2 interface (CUI) further comprises:
a threat assessment region adapted to display a threat level of an identified
4 passenger screened by said screening checkpoint system, wherein said threat level is
based upon data provided by a passenger threat level identification system (244).

33. The method according to claim 19, wherein said combined systems user
2 interface (CUI) further comprises:
a threat assessment region adapted to display a threat level of an identified
4 passenger screened by said screening checkpoint system, wherein said threat level is
based upon screening results generated by individual screening systems of said baggage,
6 passenger, and secondary screening zones.

34. The method according to claim 19, wherein said combined systems user
2 interface (CUI) further comprises:

a passenger information region adapted to display passenger data, wherein said
4 passenger data is provided by a passenger ID station (27) configured with said screening
checkpoint system.

35. A combined systems user interface (CUI) (242) providing centralized
2 monitoring of a screening checkpoint system (10), said CUI comprising:

a baggage screening status region adapted to display screening information
4 generated by an explosives screening system (30) and a baggage imaging system (35)
configured within a baggage screening zone (15); and

6 a passenger screening status region adapted to display screening information
generated by an explosives detection portal (40) and a metal detection portal (50)
8 configured within a passenger screening zone (20).

36. The interface according to claim 35, said interface further comprising:

2 a secondary screening status region adapted to display screening information
generated by an enhanced explosives screening system (60) configured within a secondary
4 screening zone (25).

37. The interface according to claim 35, said interface further comprising:

2 screening system control capabilities providing an ability to modify screening
sensitivity levels of at least one screening system of said baggage and passenger screening
4 zones.

38. The interface according to claim 37, wherein said screening sensitivity
2 levels can be manually modified by a human operator.

39. The interface according to claim 37, wherein said screening sensitivity
2 levels can be automatically modified in response to threat level data provided by a
passenger threat level identification system working in cooperation with said interface.

40. A method for providing centralized monitoring of a screening checkpoint
2 system (10), said method comprising:
providing a combined systems user interface (CUI) (242) comprising baggage and
4 passenger screening status regions;
displaying baggage screening information in said baggage screening status region,
6 wherein said baggage screening information is generated by an explosives screening
system (30) and a baggage imaging system (35) configured within a baggage screening
8 zone (15); and
displaying passenger screening information in said passenger screening status
10 region, wherein said passenger screening information is generated by an explosives
detection portal (40) and a metal detection portal (50) configured within a passenger
12 screening zone (20).

41. The method according to claim 40, said combined systems user interface
2 (CUI) further comprising:
a secondary screening status region adapted to display screening information
4 generated by an enhanced explosives screening system (60) configured within a secondary
screening zone (25).

42. The method according to claim 40, said combined systems user interface
- 2 (CUI) further comprising:
- screening system control capabilities providing an ability to modify screening
- 4 sensitivity levels of at least one screening system of said baggage and passenger screening
- zones.